

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 3260-25

C# M#

KIM, D. et al.

TC/A.U.

1654

Serial No. 10/509,620

Examiner: GUDIBANDE

Filed: September 29, 2004

Date: July 29, 2005

Title: CYTOPLASMIC TRANSDUCTION PEPTIDES AND USES THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☐ **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment 0 minus highest number  
previously paid for 20 (at least 20) = 0 x \$50.00 \$0.00 (1202)/\$0.00 (2202) \$

Independent claims after amendment 0 minus highest number  
previously paid for 3 (at least 3) = 0 x \$200.00 \$0.00 (1201)/\$0.00 (2201) \$

If proper multiple dependent claims now added for first time, (ignore improper); add

\$360.00 (1051)/\$180.00 (2051) \$

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s)

One Month Extension \$120.00 (1251)/\$60.00 (2251)

Two Month Extensions \$450.00 (1252)/\$225.00 (2252)

Three Month Extensions \$1020.00 (1253)/\$510.00 (2253)

Four Month Extensions \$1590.00 (1254)/\$795.00 (2254) \$

Terminal disclaimer enclosed, add

\$130.00 (1814)/ \$65.00 (2814) \$

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee

\$180.00 (1806) \$

Assignment Recording Fee

\$40.00 (8021) \$

Other:

\$

**TOTAL FEE ENCLOSED \$ 0.00**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.

By Atty: B. J. Sadoff, Reg. No. 36,663

Signature: \_\_\_\_\_



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Atty. Ref.: 3260-25; Confirmation No. 1008

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For: CYTOPLASMIC TRANSDUCTION PEPTIDES AND USES THEREOF

\* \* \* \* \*

July 29, 2005

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Alexandria, VA 22313-1450

Sir:

**RESPONSE**

Responsive to the Official Action dated June 29, 2005, the applicants elect, with traverse, the species of SEQ ID NO:1 for initial examination. The following claims are readable on the elected species: 1, 2, 3, 5, 6, 7, 9, 13, 17 and 18-22.

Reconsideration and withdrawal of the election requirement and examination of the whole of the claimed invention are requested. The Examiner is requested to appreciate in this regard that the presently claimed invention relates to novel peptides, referred to as cytoplasmic transduction peptides (CTP) which exhibit superior transduction potential as well as a strong tendency to remain in the cytoplasm without migrating into the nucleus. Moreover, the CTP of the present invention is represented by the formula noted by the Examiner in the Office Action of page 2 wherein A is an amino acid exhibiting relatively high freedom at  $\phi$  and  $\psi$  rotations of a peptide unit, and

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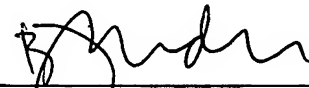
at least 3 residues of X<sub>1</sub>, X<sub>2</sub>, B, X<sub>3</sub>, X<sub>4</sub>, X<sub>5</sub>, X<sub>6</sub>, X<sub>7</sub>, and X<sub>8</sub> are arginine or lysine which has positively charged R-group and which are suitable for the formation of alpha-helix.

An early and favorable Action on the whole of the claimed invention is requested.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

  
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Reg. No. 36,663

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